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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/301,507DATE: 04/01/2002
TIME: 10:53:34Input Set : A:\401c1.app
Output Set: N:\CRF3\04012002\I301507.raw#11
BP
4-5-02

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Cynader, Max
7 Prasad, Shiv9 (ii) TITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL
10 PLASTICITY AND METHODS RELATED THERETO

12 (iii) NUMBER OF SEQUENCES: 132

14 (iv) CORRESPONDENCE ADDRESS:

15 (A) ADDRESSEE: Seed Intellectual Property Law Group PLLC
16 (B) STREET: 701 Fifth Avenue, Suite 6300

17 (C) CITY: Seattle

18 (D) STATE: Washington

19 (E) COUNTRY: USA

20 (F) ZIP: 98104-7092

22 (v) COMPUTER READABLE FORM:

23 (A) MEDIUM TYPE: Floppy disk

24 (B) COMPUTER: IBM PC compatible

25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

28 (vi) CURRENT APPLICATION DATA:

29 (A) APPLICATION NUMBER: US/09/301,507

C--> 30 (B) FILING DATE: 28-Apr-1999

31 (C) CLASSIFICATION:

33 (viii) ATTORNEY/AGENT INFORMATION:

34 (A) NAME: Potter, Jane E. R.

35 (B) REGISTRATION NUMBER: 33,332

36 (C) REFERENCE/DOCKET NUMBER: 230018.401C1

38 (ix) TELECOMMUNICATION INFORMATION:

39 (A) TELEPHONE: (206) 622-4900

40 (B) TELEFAX: (206) 682-6031

43 (2) INFORMATION FOR SEQ ID NO: 1:

45 (i) SEQUENCE CHARACTERISTICS:

46 (A) LENGTH: 62 base pairs

47 (B) TYPE: nucleic acid

48 (C) STRANDEDNESS: single

49 (D) TOPOLOGY: linear

55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

57 CCTGGCTGCC TGTGCCTCAA CCCCACTCCC AGGGAGACCA AAAGCCTTCA TACATCTGAA

60

59 AT

62

61 (2) INFORMATION FOR SEQ ID NO: 2:

63 (i) SEQUENCE CHARACTERISTICS:

64 (A) LENGTH: 92 base pairs

65 (B) TYPE: nucleic acid

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66	(C) STRANDEDNESS: single	
67	(D) TOPOLOGY: linear	
73	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:	
75	GCGACGGACG AGATGTCTTC GGTGTCCCTTG CGTCGCTAC CAGGTCAAAA TGCAAATCTT	60
77	CGTGAAACC CTGACGGGCA AGACCATCAC CC	92
79	(2) INFORMATION FOR SEQ ID NO: 3:	
81	(i) SEQUENCE CHARACTERISTICS:	
82	(A) LENGTH: 114 base pairs	
83	(B) TYPE: nucleic acid	
84	(C) STRANDEDNESS: single	
85	(D) TOPOLOGY: linear	
91	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:	
93	TTTTTTTAA TTGAGAAAGA CATAATGGTT ATGGCATTGG CTTGAAACCA GTTAAACACC	60
95	GTTCGATTC CTTCCTTCT TATTTAATA GTACGTTAAG TTGGCTCTTC AAAT	114
97	(2) INFORMATION FOR SEQ ID NO: 4:	
99	(i) SEQUENCE CHARACTERISTICS:	
100	(A) LENGTH: 86 base pairs	
101	(B) TYPE: nucleic acid	
102	(C) STRANDEDNESS: single	
103	(D) TOPOLOGY: linear	
109	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:	
111	ATCCATACTT GCTATTATT TAGGCTTCTA GTTGGAAACA AAAGGNCAAG AGTAAAAAAA	60
113	ATGCCAACAT TTCAAGGACC CTTGTT	86
115	(2) INFORMATION FOR SEQ ID NO: 5:	
117	(i) SEQUENCE CHARACTERISTICS:	
118	(A) LENGTH: 112 base pairs	
119	(B) TYPE: nucleic acid	
120	(C) STRANDEDNESS: single	
121	(D) TOPOLOGY: linear	
127	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:	
129	CTTCCCCCAC TCATCCCTGC TCTGGTCCCT TGTGCCCTT GGCCCTTAC CCCAAGCACC	60
131	ACCCCACAGA CTGGGGACCA GCCCCCTCTC CTGCCTATGT CTCGCCCAA AT	112
133	(2) INFORMATION FOR SEQ ID NO: 6:	
135	(i) SEQUENCE CHARACTERISTICS:	
136	(A) LENGTH: 126 base pairs	
137	(B) TYPE: nucleic acid	
138	(C) STRANDEDNESS: single	
139	(D) TOPOLOGY: linear	
145	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:	
147	CCTTCCCTTC CTTACTTTAA TAGTCGGTA GTACGGANGT TAAATCTTCA GGTCGGTGGT	60
149	ACGCAGCCGG GCAACCATGC AATGGATTNA AGGTNGGTAA TGGTACAATT GGCTTATGCC	120
151	CACTT	126
153	(2) INFORMATION FOR SEQ ID NO: 7:	
155	(i) SEQUENCE CHARACTERISTICS:	
156	(A) LENGTH: 121 base pairs	
157	(B) TYPE: nucleic acid	
158	(C) STRANDEDNESS: single	
159	(D) TOPOLOGY: linear	
165	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:	

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167	CTTTAGAGCG CACTCAGGGG CACTTGNAAG GGCTTCTCAC GAGCGTGGCT GTGCCATCT	60
169	GTGGAAAGAG CTTCTCGCAG TGNTCGGTNG NNNTATCCCC CACGCCNTA GNCCACTACT	120
171	C	121
173	(2) INFORMATION FOR SEQ ID NO: 8:	
175	(i) SEQUENCE CHARACTERISTICS:	
176	(A) LENGTH: 94 base pairs	
177	(B) TYPE: nucleic acid	
178	(C) STRANDEDNESS: single	
179	(D) TOPOLOGY: linear	
185	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:	
187	TTAGTTTCAC ATTCAAGGGG CTTATGAAGA GATGCAAGTC AGGATAACATA GGCTTGATT	60
189	TTGGCAGCTT AATGAGTATT CACTGAGGCA CTTG	94
191	(2) INFORMATION FOR SEQ ID NO: 9:	
193	(i) SEQUENCE CHARACTERISTICS:	
194	(A) LENGTH: 76 base pairs	
195	(B) TYPE: nucleic acid	
196	(C) STRANDEDNESS: single	
197	(D) TOPOLOGY: linear	
203	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:	
205	CCGCCTGATA TAGACACTTC GTAGAGCGTA GTTTGACTAT TCCTATAACGT TTCTATTTAT	60
207	TGATGAGGAT CCTAAA	76
209	(2) INFORMATION FOR SEQ ID NO: 10:	
211	(i) SEQUENCE CHARACTERISTICS:	
212	(A) LENGTH: 148 base pairs	
213	(B) TYPE: nucleic acid	
214	(C) STRANDEDNESS: single	
215	(D) TOPOLOGY: linear	
221	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:	
223	TTTATTATGC ACACGTTGTT CAAATAAACC AGTGTGGGAT GTTAAGACTA TCAATTAATG	60
225	GTGGGATTAT GTTTGGCATT TTATTNNNTA TAAATATATA TTTTTCTGA ATGTGTCTG	120
227	AGNTCCAAAG AGGTTGGGG NGGGGGNG	148
229	(2) INFORMATION FOR SEQ ID NO: 11:	
231	(i) SEQUENCE CHARACTERISTICS:	
232	(A) LENGTH: 144 base pairs	
233	(B) TYPE: nucleic acid	
234	(C) STRANDEDNESS: single	
235	(D) TOPOLOGY: linear	
241	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:	
243	TTCCCTTGGG TTGCTGGTTG GATTAATCTT TAATAACAAT ATATAGAATT GTAGACTGAT	60
245	GTTTTAGTGT TTTTCCAACA CACAAACATA AAAATAAAA CAAGTCGGAC CGCTACTTCT	120
247	GTTGAAATCA AGATCNTTGG GGAA	144
249	(2) INFORMATION FOR SEQ ID NO: 12:	
251	(i) SEQUENCE CHARACTERISTICS:	
252	(A) LENGTH: 139 base pairs	
253	(B) TYPE: nucleic acid	
254	(C) STRANDEDNESS: single	
255	(D) TOPOLOGY: linear	
261	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:	
263	CCTGGCCAGC GGGCAGGGCC ACGAAGGCAA GATCGGTCGT TGTGCTTGTG TTTTCCAAGG	60

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265 AGACGANCCN ATNANCTGTA AATATGTACA CGTNTCTGTC TGTGTGTCCT TCGNGGNAGG	120
267 ATGGTCGGNT CTATTAA	139
269 (2) INFORMATION FOR SEQ ID NO: 13:	
271 (i) SEQUENCE CHARACTERISTICS:	
272 (A) LENGTH: 139 base pairs	
273 (B) TYPE: nucleic acid	
274 (C) STRANDEDNESS: single	
275 (D) TOPOLOGY: linear	
281 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:	
283 CCAAAATATA TTTGGGCCAA ATGTTCCGAG GATGAGTCAG GCTGTCCCTC GCGCGGGCGA	60
285 GACGAAGCTT CACACGGGAC AAGATGGGAT GGGTTGGAGG AATGGATGGT CCCCAAACAA	120
287 ATGGGCTTAN AANAATTAT	139
289 (2) INFORMATION FOR SEQ ID NO: 14:	
291 (i) SEQUENCE CHARACTERISTICS:	
292 (A) LENGTH: 121 base pairs	
293 (B) TYPE: nucleic acid	
294 (C) STRANDEDNESS: single	
295 (D) TOPOLOGY: linear	
301 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:	
303 TTTACTGACA AGCATGGGGA AGTGTGCCA GCTGGCTGGA AGCTGGCAGT GATACCATCA	60
305 AGCCTGATGT CCAGAACAGC AAAGAATATT TCTCTAACGA GAAGTGAGCG CTAGGCCTTT	120
307 T	121
309 (2) INFORMATION FOR SEQ ID NO: 15:	
311 (i) SEQUENCE CHARACTERISTICS:	
312 (A) LENGTH: 132 base pairs	
313 (B) TYPE: nucleic acid	
314 (C) STRANDEDNESS: single	
315 (D) TOPOLOGY: linear	
321 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:	
323 CGGCTTCCTG GGCTTATCG TATGAGCCA TCACATGTT ACTGTAGGAA TGGATGTAGA	60
325 CACACGAGCA TACTTACAT CAGCCACTAT AATTATTGCC ATTCTACCG GGGTGAAAGT	120
327 ATTTAGTTGA CT	132
329 (2) INFORMATION FOR SEQ ID NO: 16:	
331 (i) SEQUENCE CHARACTERISTICS:	
332 (A) LENGTH: 130 base pairs	
333 (B) TYPE: nucleic acid	
334 (C) STRANDEDNESS: single	
335 (D) TOPOLOGY: linear	
341 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:	
343 GGAGCTTGAA GAAGAAGTTT TTTACCACCG TCTTTTCTA CTTTATACAG AAGTAGATAT	60
345 TCCTGCGAAG AAGAATAATT TGGGGTAATA TGCAAGCTAG TAGATGTGGC ACAGCAAATC	120
347 ATATAATAAA	130
349 (2) INFORMATION FOR SEQ ID NO: 17:	
351 (i) SEQUENCE CHARACTERISTICS:	
352 (A) LENGTH: 209 base pairs	
353 (B) TYPE: nucleic acid	
354 (C) STRANDEDNESS: single	
355 (D) TOPOLOGY: linear	
361 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:	

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363	ACCCCACCCA GAGCCTGGAA TCAGGATCCC AGGGTCTAGC CAGCCTGGGG TCCAGAACCC	60
365	AGAATCCAGC CTGTCTGAGC TGGACCTAGC AGCCCCAGAGT CTAGCCAGCC TCGCTCCAAG	120
367	AGGGGCTCTG GTGGCCTAGG TAGACAGGCC TGGGTGGGG A TCAATGAGTT GGTGCTAGGG	180
369	CCAGGGCACC TCGACTCTGC TCCATACTG	209
371	(2) INFORMATION FOR SEQ ID NO: 18:	
373	(i) SEQUENCE CHARACTERISTICS:	
374	(A) LENGTH: 188 base pairs	
375	(B) TYPE: nucleic acid	
376	(C) STRANDEDNESS: single	
377	(D) TOPOLOGY: linear	
383	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:	
385	CACCTTCCTG AAACACCTGT GGCTTTGACT TTGTTATTGA TCCAGATTAT TCTCCTTGCA	60
387	TTGGGGAAAA TATCTTCAT ATTCACTGTT AAGGGATGGT TTTGCGAGAG TAAGTTAATG	120
389	TCAAGACAAA CTGCCAATAC AAGAGCCCAA TGATATTAAT TACATGAGAA AAAGTAAC	180
391	ATACATCC	188
393	(2) INFORMATION FOR SEQ ID NO: 19:	
395	(i) SEQUENCE CHARACTERISTICS:	
396	(A) LENGTH: 190 base pairs	
397	(B) TYPE: nucleic acid	
398	(C) STRANDEDNESS: single	
399	(D) TOPOLOGY: linear	
405	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:	
407	GAGAAAGAAA GAGATGTTT ATTAGCATTT GTTACAGCAA CGGTGACGTG AAGGGTCGTC	60
409	CGTGCACAGC CACCCGAGCG GCAAGGCGTA GGCCAGAGCT GACACCCAGT ATTACACGA	120
411	GTGCAGAACCA GGATCACCCC GAACCTCAAA CAGAAGACTG AAAGTCACCT TACAAAAAGG	180
413	TAAATAAAAA	190
415	(2) INFORMATION FOR SEQ ID NO: 20:	
417	(i) SEQUENCE CHARACTERISTICS:	
418	(A) LENGTH: 200 base pairs	
419	(B) TYPE: nucleic acid	
420	(C) STRANDEDNESS: single	
421	(D) TOPOLOGY: linear	
427	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:	
429	GCTACGGTCG ACATCACCAT CTTTATCCCT TCCAGCCCTT TGCTGGGTGCG CGGGCCTTGG	60
431	GAAGATGCCA AAGAGCCGAG CAGTGGTGGT GGCCAGCGGG CAGAGTGTCC CTGCTTGGGC	120
433	CAGGAAAGCT TTACCTTCTC TGAGCGCCTC TGCCTGAGAG ATCGATGGTC TGTGGCTCTA	180
435	GGAGACCACG TCTTGGAGTG	200
437	(2) INFORMATION FOR SEQ ID NO: 21:	
439	(i) SEQUENCE CHARACTERISTICS:	
440	(A) LENGTH: 165 base pairs	
441	(B) TYPE: nucleic acid	
442	(C) STRANDEDNESS: single	
443	(D) TOPOLOGY: linear	
449	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:	
451	CCTTCTTTAT TGAATGACTT TCAAGAGGTA ATTACAGTTG AAGGTGACAA GTTAGAAAGG	60
453	AGAGGTGCCA CTGAAGGCAT AAGGCTGCTT GTAGACCCGG CTCTAGACAA GTGGCAGGAG	120
455	AAGAAAGAGG GTTAAAAAAG GCATGAGCGT GCAGCCCACG GGGCA	165
457	(2) INFORMATION FOR SEQ ID NO: 22:	
459	(i) SEQUENCE CHARACTERISTICS:	

VERIFICATION SUMMARY

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L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]